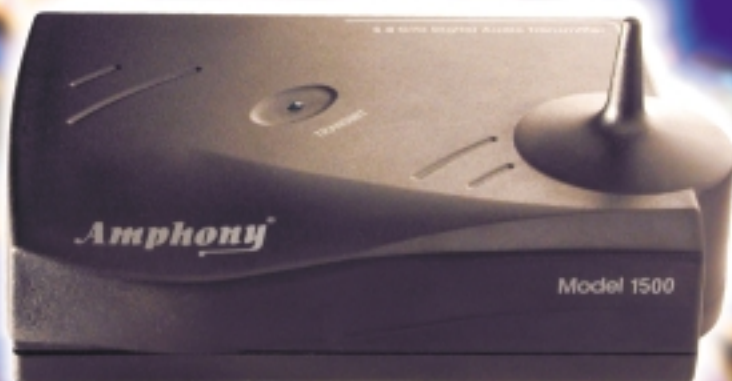


Product Information

Amphony[®]

5.8 GHz DIGITAL Wireless Audio Transmitter / Receiver



Model 1500

Welcome to the World of Wireless Digital Audio

Tired of wiring your speakers ? Don't like the cable mess of your audio equipment ? Or do you want to connect equipment between different rooms without running wires ? Are you afraid of going wireless because of performance trade-offs due to the noise, distortions and low dynamics of 900 MHz analog wireless systems ? Then check out the next generation of 5.8 GHz Digital Audio Transmission products from Amphony.



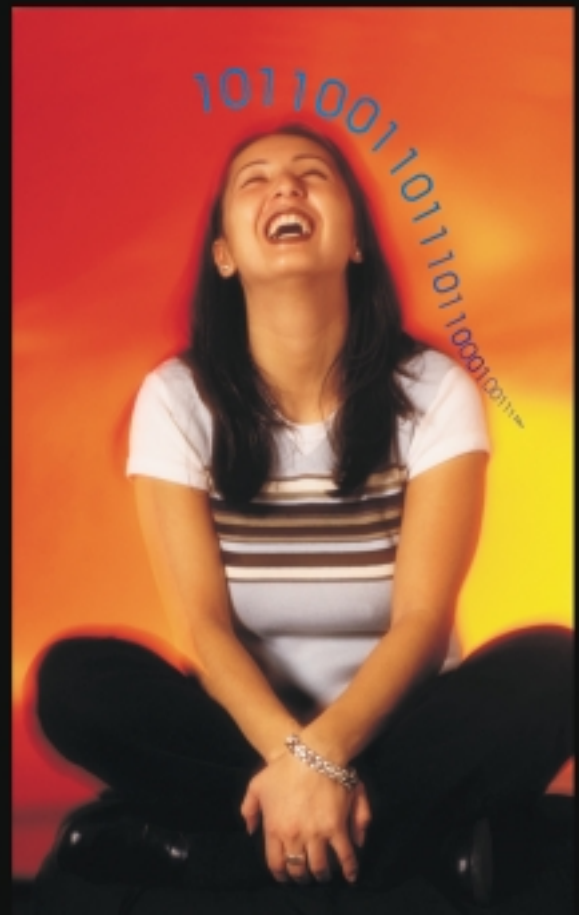
By transmitting the audio in a **digital format**, the 5.8 GHz Digital Wireless Audio Transmitter / Receiver from Amphony allow you to eliminate the hassle of wires and give you absolute freedom while maintaining crystal-clear audio quality.

Most importantly, since the 5.8 GHz Digital Wireless Audio Transmitter from Amphony transmits a **data rate of over 3 Mbps** (3 million bits per second) and since **no audio compression** is applied, you will experience **true CD quality** without audio degradation that you are used to from MP3 as well as other audio compression schemes.

Further, an **error correction mechanism** is employed which is capable of correcting transmission errors to guarantee superior error-free reception even under difficult conditions.

The **noise shaping filter** which is part of the 5.8 GHz Digital Wireless Audio Receiver from Amphony achieves a higher signal-to-noise ratio compared to conventional digital-to-analog converters by eliminating quantization noise from the audible frequency band.

The wireless receiver connects to any passive speakers or audio amplifier. By receiving the audio signal at 5.8 GHz, the receiver is **fully immune** to interference from 2.4 GHz devices.



5.8 GHz DIGITAL Wireless Audio Transmitter / Receiver, Model 1500

Technical specifications

Transmitter:

Audio transmission method: Digital (Audio is transmitted as PCM sample data)

Transmitter frequency: 5.8 GHz

Error correction: 1/2 rate FEC

Transmitted data rate: > 3 Mbps

Transmitter operating range: max. 200 ft. line of sight,
max. 50 ft. through walls and ceilings

Audio sampling method: 128 times oversampling

Automatic power-down feature



Receiver:

Output level: 1 Vrms

Frequency response: 2 Hz ... 23 kHz

Signal-to-noise ratio (Transmitter/Receiver, A-weighted): 95 dB

Total harmonic distortion: 0.006 % (-84 dB)

Overall audio latency: < 1 ms

Channel separation: 86 dB



Main features



Digital audio transmission at full CD quality



Error correction



Noise shaping filter for maximum signal-to-noise ratio



No audio compression

For more information, visit the Amphony web site at:
<http://www.amphony.com>

Amphony[®]

Your Amphony dealer:

Amphony Corp., 1006 S. Raven Rd., Shorewood, IL 60404

The information contained herein is provided "as is" and is subject to change without notice.